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' Appl. No. 09/744,697 Amdt. dated May 28, 2004 Reply to Office Action f April 1, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing of claims in this application:

<u>Listing of claims</u>:

1. (currently amended) A process for the manufacture of a crystalline molecular sieve containing phosphorus in its framework, which process comprises treating a synthesis mixture comprising a source of aluminum, a source of phosphorus, an organic template, and colloidal crystalline molecular sieve seeds for a time and at a temperature sufficient to form the decired crystalline molecular sieve, wherein the phosphorus-containing molecular sieve is selected from the group consisting of aluminophosphates and silicoaluminophosphates.

2. (cancelled)

- 3. (original) A process as claimed in claim 1, wherein the phosphorus-containing molecular sieve is of the CHA or LEV structure type.
- 4. (original) A process as claimed in claim 1, wherein the phosphorus-containing molecular sieve is SAPO-34.
- 5. (original) A process as claimed in claim 4, wherein the SAPO-34 is Ni-SAPO-34.
- 6. (original) A process as claimed in claim 4, wherein the percentage area contribution of Broensted acid sites to the total OH area in the IR spectrum is at least 30%.
- 7. (previously presented) A process as claimed in claim 6, wherein said contribution is at least 50%.

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- 8. (original) A process as claimed in claim 1, wherein the seeds are of structure type LEV, OFF, or CHA.
- 9. (original) A process as claimed in claim 1, wherein the seeds are of Levyne, ZSM-45, Chabasite, Offretite, or SAPO-34.
- 10. (original) A process as claimed in claim 1, wherein the seeds are present in a proportion within the range of 1 to 2000 ppm, based on the total weight of the synthesis mixture.
- 11. (original) A process as claimed in claim 10, wherein the proportion is within the range of from 100 to 1500 ppm.
- 12. (original) A process as claimed in claim 10, wherein the proportion is within the range of from 100 to 250 ppm.
- 13. (original) A process as claimed in claim 1, wherein the seeds are incorporated in the synthesis mixture in the form of a suspension.
- 14. (original) A process as claimed in claim 1, wherein the particle size of the seeds is within the range of from 5 to 1000 nm.
- 15. (original) A process as claimed in claim 14, wherein the particle size is within the range of from 10 to 300 nm.
- 16. (original) A process as claimed in claim 14, wherein the particle size is within the range of from 20 to 100 nm.
- 17. (original) A process as claimed in claim 1, wherein the phosphorus-containing molecular

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sieve is of a first structure type and the seeds are of a second structure type.

- 18. (original) A process as claimed in claim 17, wherein the first structure type is CHA and the second structure type is LEV.
- 19. (original) The molecular sieve product of the process as claimed in claim 1.
- 20. (original) The molecular sieve of claim 19, in particulate or layer form.
- 21. (original) SAPO-34 in which the percentage area contribution of Broensted acid sites to the total OH area in the IR spectrum is at least 30%.
- 22. (original) A process for the conversion of an oxygenate to olefins which comprises contacting the oxygenate under catalytic conversion conditions with the molecular sieve of claim 19.
- 23. (previously presented) A process for the conversion, adsorption or separation of hydrocarbons which comprises contacting the hydrocarbons with the molecular sieve of claim 19, optionally after washing, cation exchange, or calcining.
- 24. (cancelled)

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25. (currently amended) A process for the synthesis of a phosphorus-containing crystalline molecular sieve which comprises treating a synthesis mixture with colloidal crystalline molecular sieve seed crystals to control the particle size of the phosphorus-containing molecular sieve and/or the acceleration of the formation of the phosphorus-containing crystalline molecular sieve during synthesis, wherein the phosphorus-containing molecular sieve is selected from the group consisting of aluminophosphates and silicoaluminophosphates.